Receipt date: 10/05/2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re:		Wittich Kaule et al.	Confirmation No:	2401
Serial No	o:	10/599,659	Group:	Not Yet Assigned
Filed:		October 4, 2006	Examiner:	Not Yet Assigned
For:		Device and method for producing resist profiled elements		
Custome	er No.:	29127		
Attorney No.	Docket	0055.0013US1 (P-00060-WO/US)		
		INFORMATION DISCLOSURE STA	ATEMENT	
Commi P.O. Bo	top Amen issioner fo ox 1450 dria, VA			
Sir:				
This Info	under 37 C	sclosure Statement is submitted: FR 1.129(a), or submission after Final Rejection)		
[X]	(Within any o entry of the n	FR 1.97(b), or ne of the following time periods: three months of filing nat thonal stage in an international application; or before the m onal application, including a CPA, or a Request for Continu	ailing date of a first office action	
[]	under 37 C	FR 1.97(c) together with either:		
	[] a	Statement under 37 CFR 1.97(e), as checked be	low, or	
		\$180.00 fee under 37 CFR 1.17(p), or CFR 1.97(b) time period, but before final action or notice o	f allowance, whichever occurs	first)
[]	under 37 C	FR 1.97(d) together with:		
	[] a	Statement under 37 CFR 1.97(e), as checked be	low, and	
		\$180.00 fee under 37 CFR 1.17(p), or nal action or notice of allowance, whichever occurs first, but	t on or before payment of the is	ssue fee)
[]	Applicant	FR $1.97(i)$: requests that the IDS and cited reference(s) be payment of issue fee)	placed in the application	filewrapper.
Statemer	nt Under 37	CFR 1.97(e)		

[]	commu	nication fro	om a foreign patent of	is Information Disclosure St fice in a counterpart foreign formation Disclosure Statem	
[]	knowled in the in	nication fro lge of the t formation	om a foreign patent off indersigned, after mak disclosure statement v		application, and, to the tern of information contained designated in 37 CFR 1.56(c)
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[X]	Enclose	d herewith	is form PTO-1449:		
	[X]	Copies of	the cited references a	re enclosed except US paten	t references.
	[]	which pri		n prior application, U.S. App 120 is claimed. [The earlier	
	[]	The listed counterpa	l references were cited rt foreign application.	in the enclosed International	l Search Report in a
	[X]		cise explanation" requ CFR 1.98(a)(3) is satis	irement (non-English referen sfied by:	nces) for reference(s) [
		[] (he explanation provid	ed on the attached sheet.	
		[X] 1	he explanation provid	ed in the Specification.	
		[X] 8	submission of the encl	osed International Search Re	port.
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		[X] t	he enclosed English la	anguage abstract.	
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[] Examiner's Initials	Applica	nt requests	that the following nor	n-published pending applica	tions be considered:
		U.S. Pate	nt Application No. [], by [inventor(s)], filed [], Docket No.: []
		U.S. Pate	nt Application No. [], by [inventor(s)], filed [], Docket No.: []

Attorney Docket No: 0055.0013US1 (P-00060-WO/US)

		U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []
		Examiner	Date	
	[]	A copy of each above-cited app	lication, including the curre	nt claims, is enclosed.
	[]	A copy of each above-cited app those entered in prior application 35 U.S.C. 120 is claimed.		nt claims, is enclosed, except], to which priority under
		requested to return a copy of the considered with the next office o		ations indicating which
it is rec	quested tha	at the information disclosed here	in be made of record in this	application.
Method	d of paym	ent:		
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			Respectfully s	ubmitted,
			Houston Elise	eva LLP
			By_ Mar Maria Elisee Registration	
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Dated:	October :	5, 2006		

(Use as many sheets as necessary)

US-US- PTO/SB/08A (07-06)

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Attorney Docket Number 0055,0013US1 (P-00060) Sheet 1 of 2 U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Document Number Publication Date MM-DD-YYYY Relevant Passages or Relevant Initials* Applicant of Cited Document Number-Kind Code^{2 of Assemb} Figures Appear US 5,566,023 10/15/1996 Ernst-Bernhard Klev us. IIS US-US US-119. US. US 119.

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Г
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Substitu	te for form 1449/PTO			Application Number	10/599,659	
INF	ORMATION	DIS	CLOSURE	Filing Date	October 4, 2006	
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Wittich Kaule et al.	
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	(Use as many sne	ens as r	ecessary)	Examiner Name	Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number	0055.0013US1 (P-00060)	

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (whon appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/M.S./		KLEY, E. et al. E-Beam lithography: a suitable technology for fabrication of high-accuracy Proceedings of the SPIE, 10/23/1995, p.71-80, v.2640, SPIE, Bellingham, VA, US.	
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		HAM, Y. et al. Application of a new empirical model to the electron beam lithography Japanese Journal of Applied Physics, 12/1998, p.6761-66, v.37, n.12B, JSAP, Tokyo, JP.	
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Examiner Signature	/Meenakshi Sahu/	Date Considered	04/25/2010

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	INTERNATIONAL SEARCH F	EDODT	
	TERNATIONAL SEARCH F	nation	al Application No
		PCT/EI	P2005/051451
A. CLASSI	FICATION OF SUBJECT MATTER G03F7/20 H01J37/317 G11B11/0	0	
	International Patent Classification (IPC) or to both national classifica	ilon and iPC	
B. FIELDS	SEARCHED cumentation searched (classification system followed by classification	n avenhols)	
	G11B H01J G03F	,,	
Documentat	on searched other than minimum documentation to the extent that sa	sch documents are included in the t	ields searched
Electronic d	ata base consulted during the international search (name of data bas	e and, where practical, search term	ns used)
EPO-In	ternal, INSPEC, IBM—TDB, WPI Data, P	AJ	
C. DOCUM	INTS CONSIDERED TO BE RELEVANT		
Category *	Otation of document, with indication, where appropriate, of the role	vant passages	Felevant to claim No.
х	KLEY E-B ET AL: "E-BEAM LITHOGRA SUITABLE TECHNOLOGY FOR FABRICATI HIGH-ACCURACY 2D AND 3D SURFACE P	ON OF	1-30
	PROCEEDINGS OF THE SPIE, SPIE, BE VA, US,	LLINGHAM,	
	vol. 2640, 23 October 1995 (1995- pages 71-80, XP009031977 ISSN: 0277-786X	10-23),	
A	the whole document SCHNABEL B ET AL: "FABRICATION A		1
	APPLICATION OF SUBWAVELENGTH GRAT PROCEEDINGS OF THE SPIE, SPIE, BE VA, US,	LLINGHAM,	
	vol. 3008, 10 February 1997 (1997 pages 233-241, XP009031976 ISSN: 0277-786X	-02-10),	
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χ Furti	er occuments are listed in the continuation of box C.	Patent family members are	listed in annex.
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INTERNATIONAL SEARCH REPORT

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	ation) DCCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	HEIDENREICH R D ET AL: "Electron scattering and line profiles in negative electron resists" JOURNAL OF VACUUM SCIENCE AND TECHNOLOGY USA, vol. 12, no. 6, November 1976 (1976-11), pages 1284-1288, XP002375481 ISSN: 0022-5355			
A	LIN L H: "Cross-section profiles of single-scan negative electron-resist lines" JOURNAL OF VACUUM SCIENCE AND TECHNOLOGY USA, vol. 12, no. 6, November 1976 (1976-11), pages 1289-1293, XP002375482 ISSN: 0022-5355			
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